

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CH 03/00751

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H05K7/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 856 909 A (KAMO HIROAKI ET AL) 5 January 1999 (1999-01-05) the whole document	1,2,8-11
A	-----	3
A	EP 0 900 621 A (LORCH SCHWEISSTECHNIK GMBH) 10 March 1999 (1999-03-10) the whole document	1
A	-----	1
A	US 2002/026996 A1 (FUNG HUI S ET AL) 7 March 2002 (2002-03-07) the whole document	1
A	-----	1
A	EP 0 914 030 A (LUCENT TECHNOLOGIES INC) 6 May 1999 (1999-05-06) the whole document	1
A	-----	1
A	US 4 699 208 A (BLOESL KARL ET AL) 13 October 1987 (1987-10-13) the whole document	1
A	-----	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

30 July 2004

Date of mailing of the international search report

06/08/2004

Name and mailing address of the ISA

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